
CBE ID

0125

Title

Timing of Antibiotic Prophylaxis for Cardiac Surgery Patients

Project

Surgical Consensus Standards Endorsement Maintenance

Endorsement Status

Endorsement Removed

Is Under Review

No

Previous Endorsement Cycle

Fall 2012

Removal Date

Mon, 05/07/2012 - 20:00

Initial Endorsement

Tue, 05/08/2007 - 20:00

Steward

The Society of Thoracic Surgeons

1.0 New or Maintenance

Maintenance

1.1 Measure Structure

Single Measure

1.3 Electronic Clinical Quality Measure (eCQM)

No

1.6 Measure Description

Percent of patients aged 18 years and older undergoing cardiac surgery who received prophylactic antibiotics within one hour of surgical incision or start of procedure if no incision was required (two hours if receiving vancomycin or fluoroquinolone)

1.7 Measure Type

Process

1.8 Level of Analysis

Clinician: Group/Practice, Facility, Other, Population: Community, County or City, Population: Regional and State

1.9 Care Setting

Inpatient/Hospital

1.14 Numerator

Number of patients undergoing cardiac surgery patients who received prophylactic antibiotics within one hour of surgical incision or start of procedure if no incision was required (two hours if vancomycin or fluoroquinolone)

1.15 Denominator

Number of patients undergoing cardiac surgery

1.20 Types of Data Sources

Registry data

6.1.2 Current or Planned Use(s)

Public Reporting, Quality Improvement (Internal to the specific organization)

6.1.3 Current Use(s)

Public Reporting, Quality Improvement (Internal to the specific organization)

Exclusions

Cases are removed from the denominator if the patient had a documented contraindication or rationale for not administering antibiotic in medical record.

Other exclusions include:

- Patients who had a principal diagnosis suggestive of preoperative infectious diseases
- Patients whose ICD-9-CM principal procedure was performed entirely by Laparoscope
- Patients enrolled in clinical trials
- Patients with documented infection prior to surgical procedure of interest
- Patients who were receiving antibiotics more than 24 hours prior to surgery
- Patients who were receiving antibiotics within 24 hours prior to arrival

This list will be provided in the STS Adult Cardiac Surgery Database Data Manager's Training Manual as acceptable exclusions.

Risk Adjustment

No risk adjustment necessary

Steward Organization

The Society of Thoracic Surgeons

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